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Abstract (Basic): EP 338871 A

The installation comprises a paint spray (14) supplied through a distribution circuit from a combination of five primary colour change units (G to K), connected by control valves to groups (A to E) of paint supply lines each carrying a specific coating product, and a secondary colour change unit (L) connected to the outputs of the primary units (G to K) by intermediate ducts. These are the only ducts where the various coatings are allowed to stagnate and form sediment in the ducts.

Normally these intermediate ducts are purged and rinsed after use. To reduce the loss of paint and solvent the purging and rinsing are inhibited if the same colour is to be used as part of the mix which forms the next selected finishing colour.

USE/ADVANTAGE - Particularly in automobile installations. Allows reduced rinsing frequency in spray painting installations.

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